



6000 Series intrinsically safe termination board

6000-ISB-01

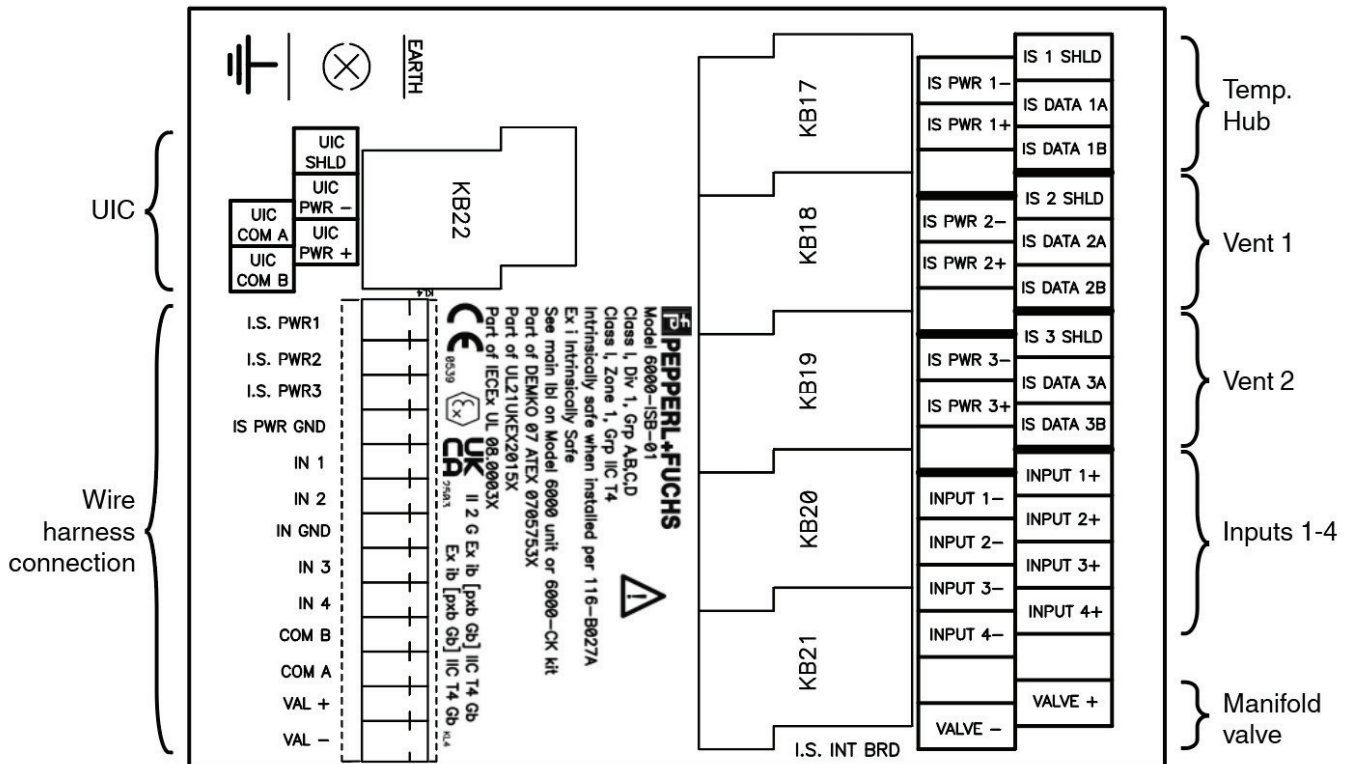
- Interface for field connection back to EPCU
- DIN rail mounting
- Easy termination of connections
- Removable terminal on EPCU side



Function

The intrinsically safe termination board is DIN rail mountable within a pressurized enclosure or other suitable enclosure. The terminal board allows for interfacing of the vent(s), Temperature Hub, User-interface, manifold valve, and the 4 digital inputs from the field. The board and its connection are intrinsically safe and should maintain proper distance from non-intrinsically safe wiring. When mounted in a pressurized enclosure the board is only rated for hazardous gas atmosphere. However, if mounted in hazardous dust atmosphere a proper enclosure is required.

Connection



Technical Data

General specifications

Series 6000 Series

Electrical specifications

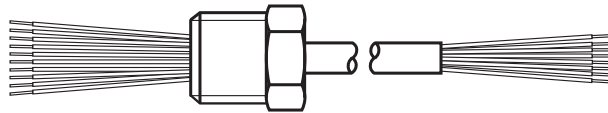
Technical Data

Connection	Shield / ground: capacitively coupled to ground
Mechanical specifications	
Connection type	Screw Terminals Field devices: 0.13 - 2.08 mm ² max (26 - 14 AWG) Torque 5-7 in-lb (0.6 to 0.8 Nm) Screw Terminals EPCU: 0.08 - 1.31 mm ² (28 - 16 AWG) Torque 4 in-lb (0.5 Nm)
Degree of protection	IP20
Terminal assembly	
Terminal type	Field connection
Terminal capacity	Min: 24 AWG (0.2 mm ²) Max: 12 AWG (3.3 mm ²)
Mass	800 g
Dimensions	83 x 126 x 67 mm (3.3 inch x 5.0 inch x 2.6 inch)
Mounting	DIN rail mounting , 2 mounting clips
General information	
System information	Must be used with 6000 series purge system to meet certification requirements.

Connection

Connection (Optional)

I.S.PWR 1	BK
I.S.PWR 2	OR
I.S.PWR 3	GN
GND	WT
In 1	BK/WT
In 2	BL/WT
In GND	RD/WT
In 3	GN/WT
In 4	OR/BK
Com B	BL
Com A	RD
Val +	WT/BK
Val -	RD/BK



EPCU I.S. connector

BK	I.S.PWR 1
OR	I.S.PWR 2
GN	I.S.PWR 3
WT	GND
BK/WT	In 1
BL/WT	In 2
RD/WT	In GND
GN/WT	In 3
OR/BK	In 4
BL	Com B
RD	Com A
WT/BK	Val +
RD/BK	Val -

I.S. Termination board connector

Optional wire harness 6000-CBLA-ISB-* (not included)

Type Code

6	0	0	0	-	I	S	B	-	0	1
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ISB Intrinsically safe termination board

Release date: 2022-05-04 Date of issue: 2022-05-04 Filename: 514507_eng.pdf